

# **COVER Train LAN Installation Guide**

**December 1, 2003**



*HQ Air Force Civil Engineer Support Agency  
Providing the best tools, practices, and professional support  
to maximize Air Force Civil Engineer capabilities  
in base and contingency operations*





**COVER Train**  
*Keeping Education & Training on-track throughout the 21<sup>st</sup> Century*

**CONTENTS**

<b>1. COVER Train Overview.....</b>	<b>2</b>
<b><u>2.</u> Server Requirements and Installation.....</b>	<b>4</b>
2.1. Server System Requirements.....	4
2.2. Installing COVER Train to the LAN.....	5
<b><u>3.</u> Upgrading COVER Train Standalone Clients to LAN.....</b>	<b>13</b>
3.1. Server System Requirements.....	13
3.2. Upgrading COVER Train to the LAN.....	13



***COVER Train***  
***Keeping Education & Training on-track throughout the 21<sup>st</sup> Century***

**THIS SECTION NOT USED**

## **Chapter 1**

### **COVER Train Overview**

**1.1. What is COVER Train?** COVER Train (Contingency Operations and Vocational Engineer Review Training) is a training management and distribution system. The train analogy was chosen for its simplicity and familiarity as a cargo delivery vehicle. This concept facilitates training management for all 13 CE AFSCs. This guide will provide detailed steps and instruction to facilitate the successful implementation of COVER Train on a Local Area Network (LAN).

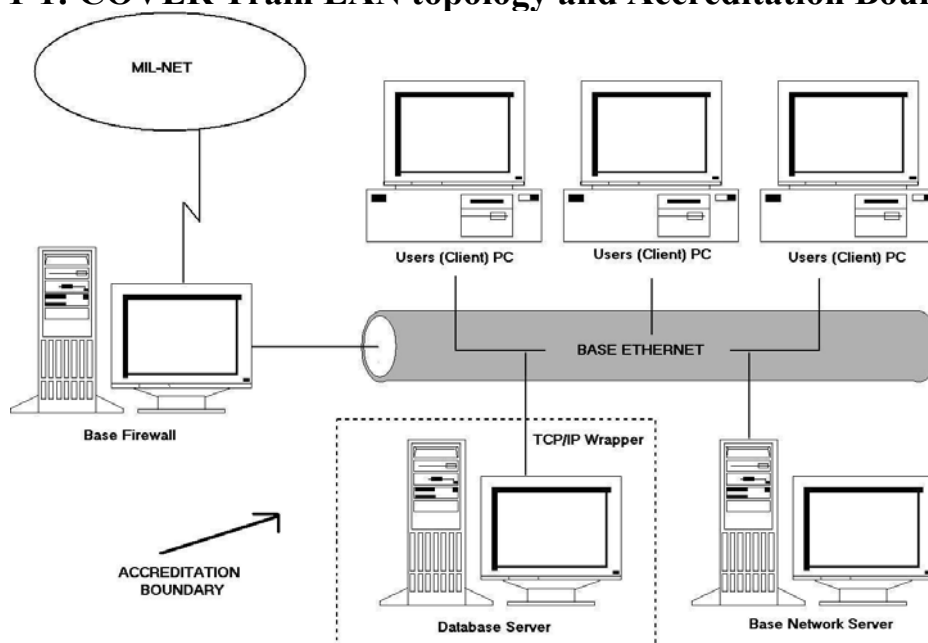
**1.2. What are COVER Train's capabilities?** This product will literally “cover” CE training. This program was developed in accordance to AFI 36-2201 and is designed to have the capability and capacity to deliver training to anyone, anywhere, at anytime. Nonetheless, COVER Train does not, and **will not, replace “hands-on” training.**

The COVER Train system was developed for AFCESA for implementation at bases throughout the world. Its objective is to provide the means for the Air Force to monitor and track the upgrade training of enlisted Civil Engineers. The COVER Train assets consist of hardware and software from standard Air Force and DoD contracts. COVER Train utilizes either an ORACLE Relational Database Management System (RDBMS) or a Microsoft SQL Server 2000 RDBMS, associated Structured Query Language (SQL) facilities, and support tools.

To access COVER Train, PC workstations (note: it is up to each local facility to provide the operating systems for end users) operate under Microsoft Windows 95, Windows NT 4.0 Service Pack (SP) 6, Windows ME, Windows XP, or Windows 2000, and run ORACLE applications with a suite of supporting ORACLE tools to access the central ORACLE database or Microsoft applications to access the central SQL Server database or Access 2000 database. COVER Train users interface with COVER Train from the client workstations. To view a graphical representation of the client-server architecture and the network communications connectivity, refer to Exhibit 1-1, COVER Train Network Topology. Figure 1-1 depicts the COVER Train LAN topology and the accreditation boundary within which COVER Train is certified to operate. COVER Train 2.0 is authorized to operate on the LAN under CoN number CoN1-SCD01431-281003-00-0.

**COVER Train**  
*Keeping Education & Training on-track throughout the 21<sup>st</sup> Century*

**Figure 1-1: COVER Train LAN topology and Accreditation Boundary**



## Chapter 2

### Server Requirements and Installation

#### **2.1. Server System Requirements**

The COVER Train database server configuration for each facility is to be determined at the time of installation based upon availability. The COVER Train LAN installation at a minimum must have Access 2000 (located on a network share) or a database server hosting ORACLE 8i, ORACLE 9i or Microsoft SQL Server 2000.

COVER Train client workstations at a minimum must operate under Microsoft Windows 95, Windows 98, Windows NT 4.0 SP 6, Windows ME, Windows XP, or Windows 2000 and run a suite of supporting ORACLE client tools to facilitate access to the ORACLE RDBMS or use Microsoft Data Access Components (MDAC) to access either the Access 2000 or the Microsoft SQL Server 2000 RDBMS.

---

**NOTE:** The following are minimum requirements; **more robust systems are recommended** for this application.

---

#### ***Database Server Software***

The database server should be configured with one of the following databases prior to beginning the installation procedure:

Database Configuration	Description
Option 1 Microsoft Access 2000	Nothing required (NOTE: Access is limited to 50 simultaneous users that may be connected to the database at one time. The Access database may “bog” down at times when high activity on the database is occurring.)
Option 2 ORACLE 8i/9i	Oracle 8/8i or later version must be installed on a local server. Client computers <b>must</b> have <b>Oracle OLE DB 8.1.7.30</b> installed. You must have the Oracle database network configured with the clients and have the User ID, password and data source ready prior to beginning the installation procedure. User operating the installation must have permission to write to tables in order to create database.
Option 3 Microsoft SQL Server 2000	Microsoft SQL Server 2000 or later version installed on a local server. You must have the SQL Server database network configured with the clients and have the User ID, password, initial catalog and data source ready prior to beginning the installation procedure. User operating the installation must have permission to write to tables in order to create database.

**Exhibit 3.1-2: Database Server Minimum Software Requirements**



## **2.2. Installing COVER Train to the LAN**

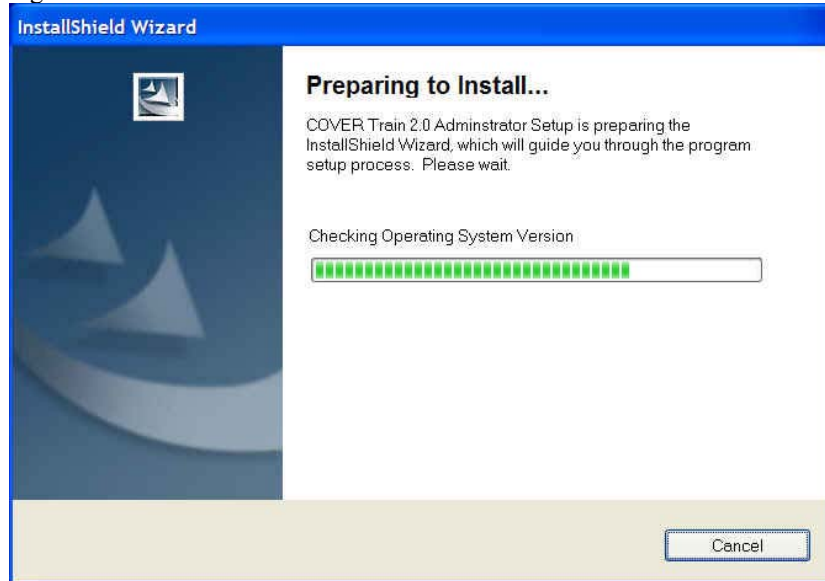
2.2.1. Insert the Administrator CD into your computer's CD-ROM drive and wait a few seconds for the InstallShield Wizard to launch. This will prepare your computer for installation.

---

**NOTE:** You may be prompted to restart your machine here and at the end of the installation process.

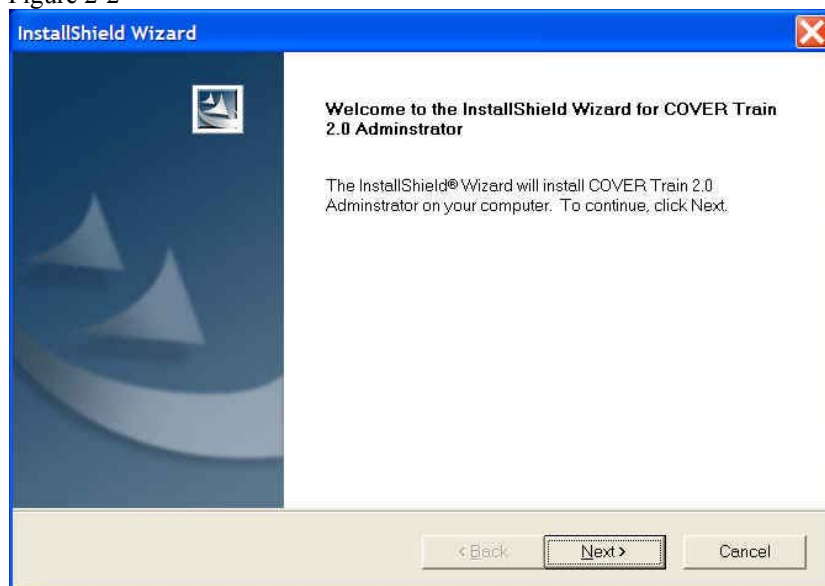
---

Figure 2-1



2.2.2. Click **Next** to begin installing COVER Train.

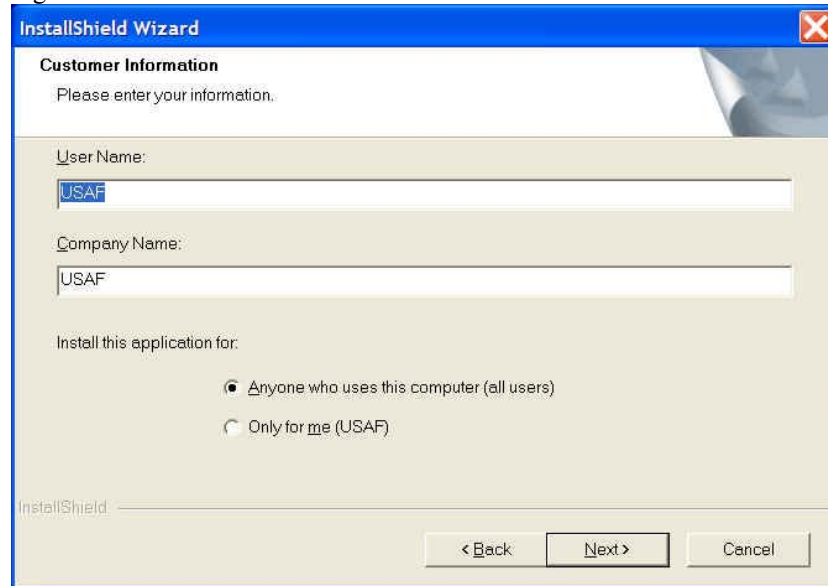
Figure 2-2



**COVER Train**  
*Keeping Education & Training on-track throughout the 21<sup>st</sup> Century*

2.2.3. Enter your information, then click **Next**.

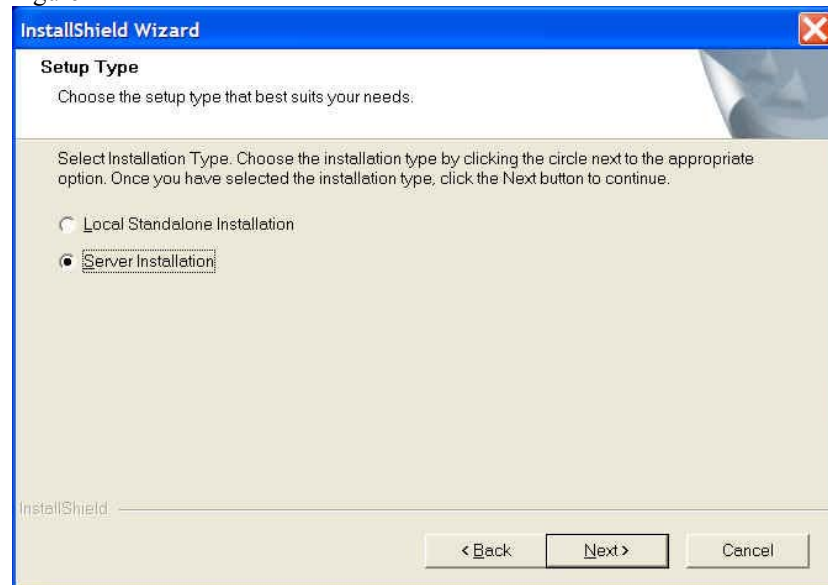
Figure 2-3



The screenshot shows the 'InstallShield Wizard' window with the 'Customer Information' tab selected. The window has a blue title bar with the text 'InstallShield Wizard' and a close button. The main area is light beige and contains the following elements: a sub-header 'Customer Information' with a small graphic of a document and pencil; the instruction 'Please enter your information.'; a 'User Name:' label followed by a text box containing 'USAF'; a 'Company Name:' label followed by a text box containing 'USAF'; and a section titled 'Install this application for:' with two radio button options: 'Anyone who uses this computer (all users)' (which is selected) and 'Only for me (USAF)'. At the bottom left is the 'InstallShield' logo. At the bottom right are three buttons: '< Back', 'Next >', and 'Cancel'.

2.2.4. Select the Server Installation option, then click **Next**.

Figure 2-4

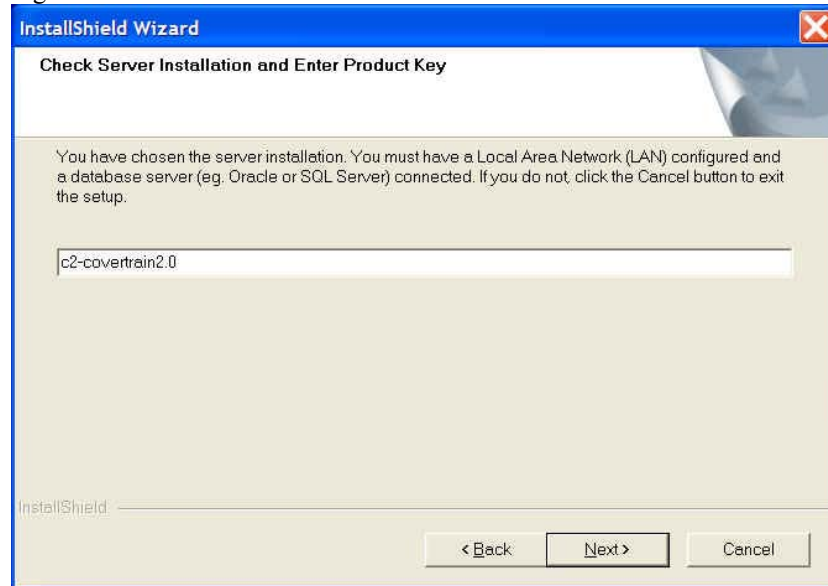


The screenshot shows the 'InstallShield Wizard' window with the 'Setup Type' tab selected. The window has a blue title bar with the text 'InstallShield Wizard' and a close button. The main area is light beige and contains the following elements: a sub-header 'Setup Type' with a small graphic of a document and pencil; the instruction 'Choose the setup type that best suits your needs.'; a paragraph of text: 'Select Installation Type. Choose the installation type by clicking the circle next to the appropriate option. Once you have selected the installation type, click the Next button to continue.'; and two radio button options: 'Local Standalone Installation' and 'Server Installation' (which is selected). At the bottom left is the 'InstallShield' logo. At the bottom right are three buttons: '< Back', 'Next >', and 'Cancel'.

**COVER Train**  
*Keeping Education & Training on-track throughout the 21<sup>st</sup> Century*

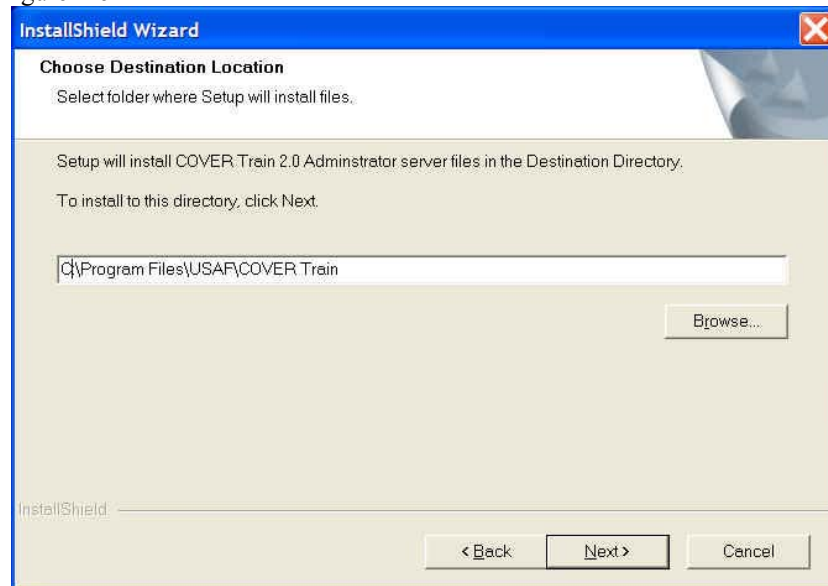
2.2.5. Enter the product installation key: “c2-covertrain2.0”, then click **Next**.

Figure 2-5



2.2.6. Edit or accept the install destination, then click **Next**.

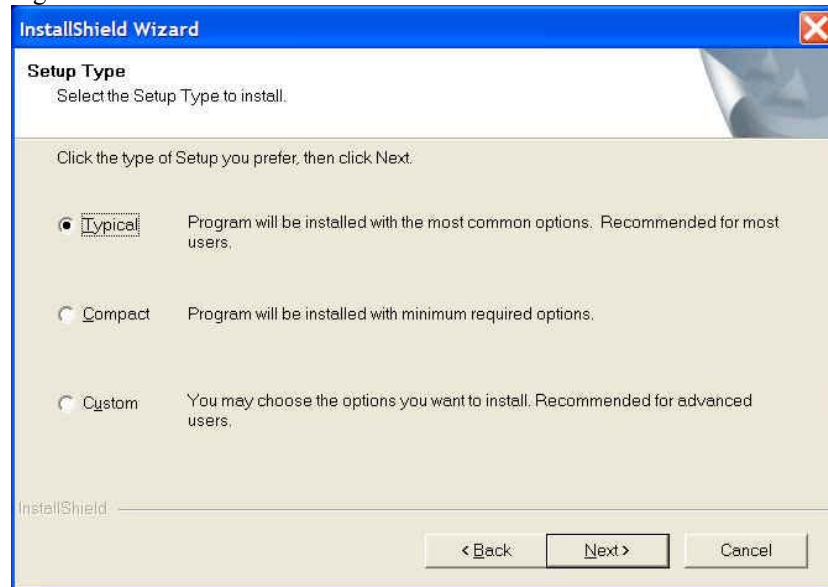
Figure 2-6



**COVER Train**  
*Keeping Education & Training on-track throughout the 21<sup>st</sup> Century*

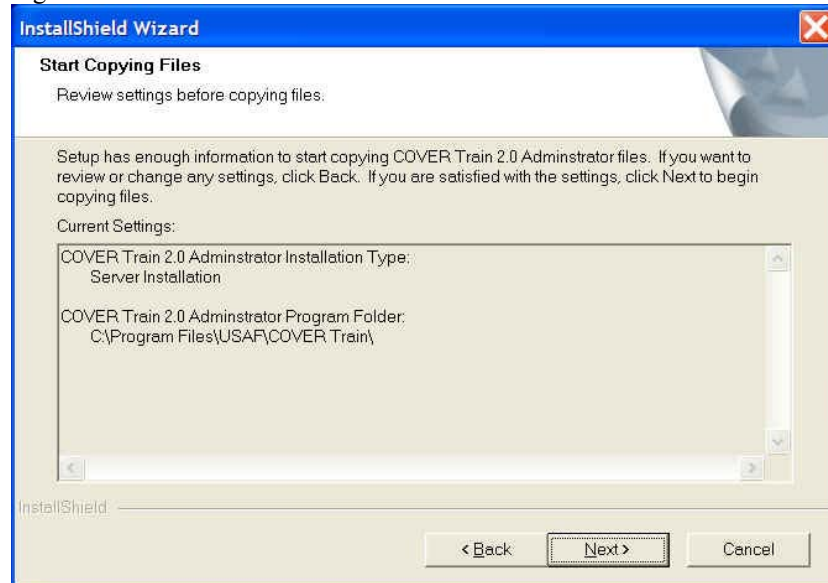
- 2.2.7. Select the desired installation type (Typical, Compact, or Custom), then click **Next**.

Figure 2-7



- 2.2.8 Verify your settings, then click **Next** to begin installing COVER Train to the LAN.

Figure 2-8



**COVER Train**  
*Keeping Education & Training on-track throughout the 21<sup>st</sup> Century*

2.2.9. Wait while the COVER Train files are installed.

Figure 2-9a

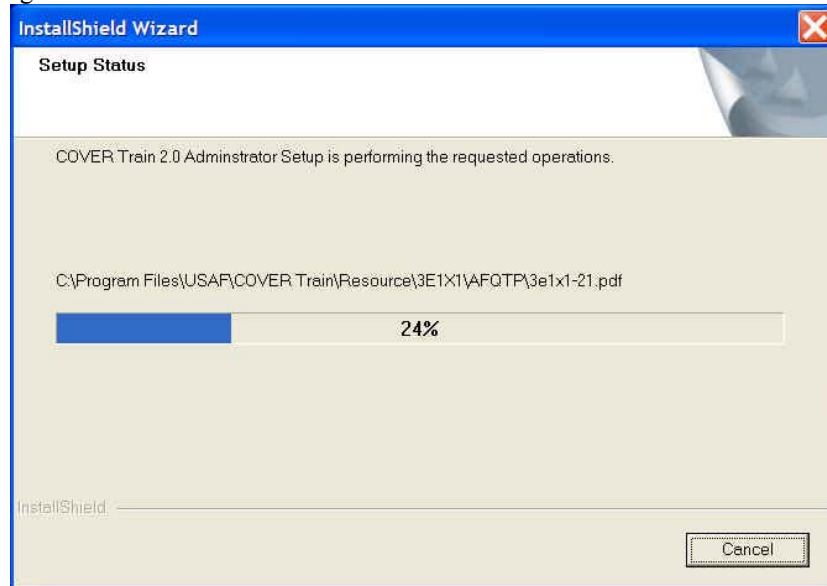
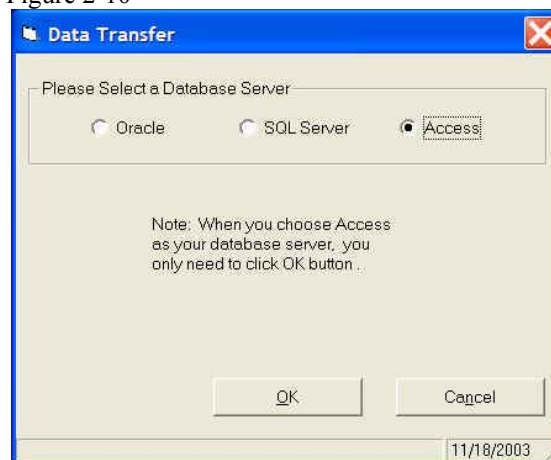


Figure 2-9b



2.2.10. Select the desired database installation type.

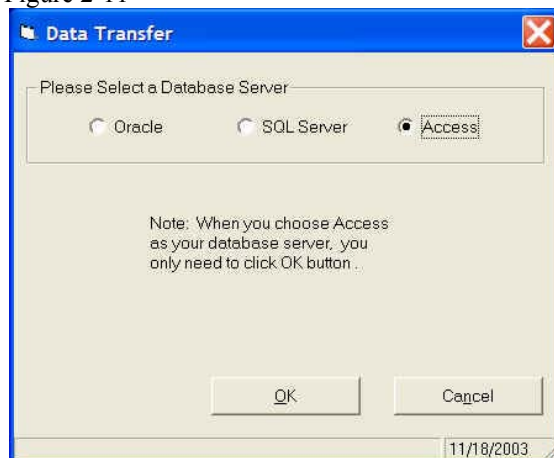
Figure 2-10



**COVER Train**  
*Keeping Education & Training on-track throughout the 21<sup>st</sup> Century*

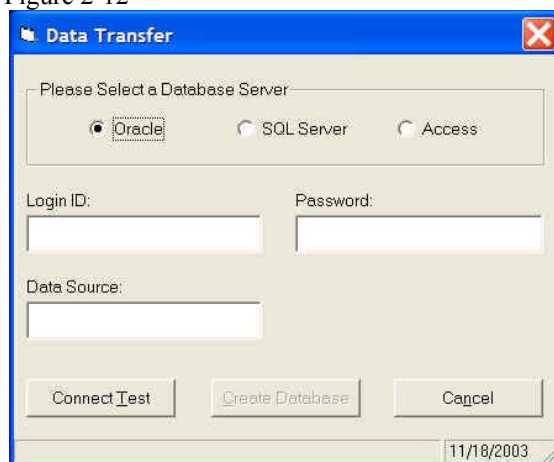
2.2.11. For Microsoft Access 2000 installation: Select Access, then click **Next**.

Figure 2-11



2.2.12. For the Oracle 8i installation: Select Oracle, input the Database Login ID, Password and Data Source, then verify the connection by clicking **Connect Test**. Finally, begin the database installation and data transfer by clicking **Next**.

Figure 2-12



**COVER Train**  
*Keeping Education & Training on-track throughout the 21<sup>st</sup> Century*

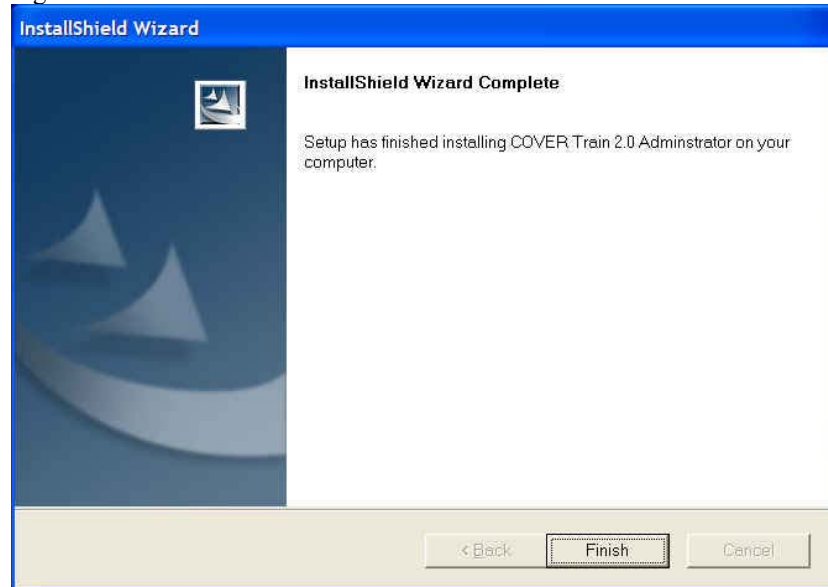
- 2.2.13. For the SQL Server installation: Select SQL Server, input the Database Login ID, Password, Data Source and Initial Catalog, then verify the connection by clicking **Connect Test**. Finally, begin the database installation and data transfer by clicking **Next**.

Figure 2-13



- 2.2.14. Finally, click **Finish** to complete the installation.

Figure 2-14

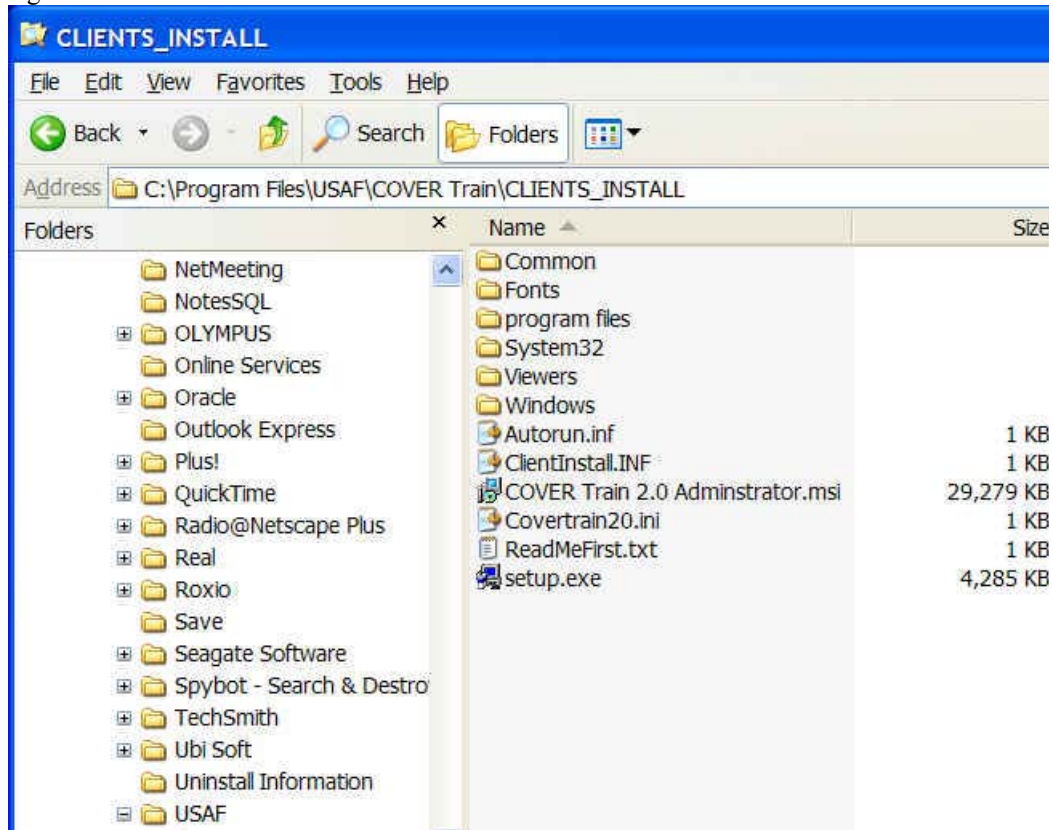


- 2.2.14. **IMPORTANT:** After completing the LAN installation procedure, you must launch COVER Train at least once from the Server install and update the server using the latest patch available at <http://www.covertrain.com/>

**COVER Train**  
*Keeping Education & Training on-track throughout the 21<sup>st</sup> Century*

- 2.2.15. Share the “C:\Program Files\USAF\COVER Train\CLIENTS\_INSTALL\” directory to users or client workstations on the LAN to enable access to the client installation files. You can then begin installing COVER Train to client workstations from that directory across the LAN.

Figure 2-15



- 2.2.16. **IMPORTANT:** Client workstations will still need to run the latest patch available at <http://www.covertrain.com/>



2.2.17. Chapter 3

## Upgrading COVER Train Standalone Clients to LAN

### 3.1. Server System Requirements

The COVER Train database server configuration for each facility is to be determined at the time of installation based upon availability. The COVER Train LAN installation at a minimum must have Access 2000 (located on a network share) or a database server hosting ORACLE 8i, ORACLE 9i or Microsoft SQL Server 2000. Prior to upgrading the client workstations from standalone to operate on the LAN, you must have completed the LAN installation procedure detailed in Chapter 2.

### 3.2. Upgrading COVER Train to the LAN

- 3.2.1. Prior to upgrading the database, backup your data by selecting Backup Database from the File menu, then click **Yes** when prompted to create the backup.

Figure 3-1a

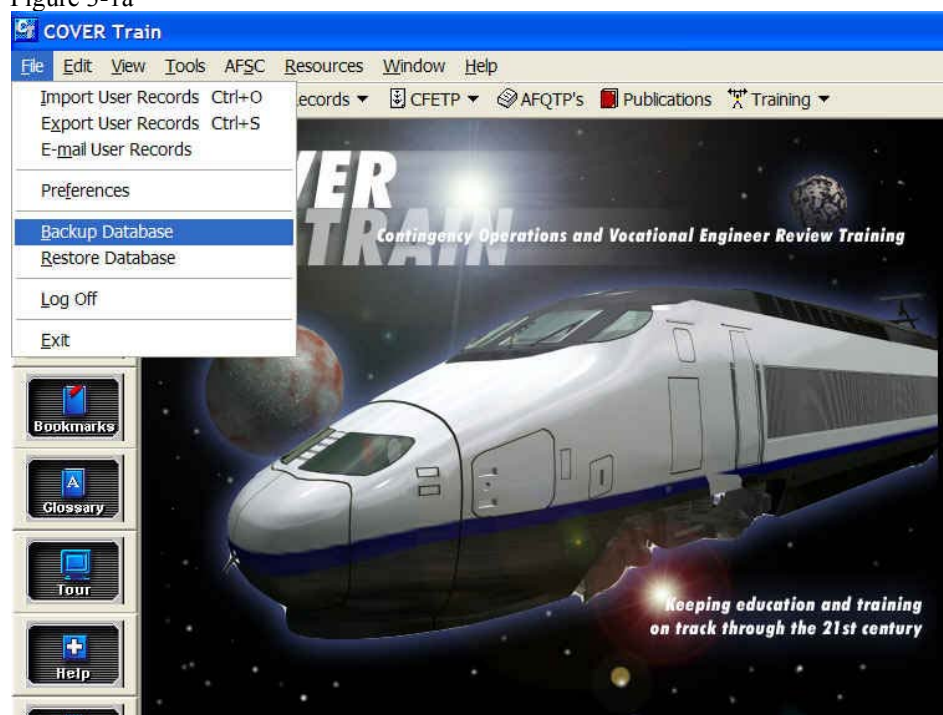
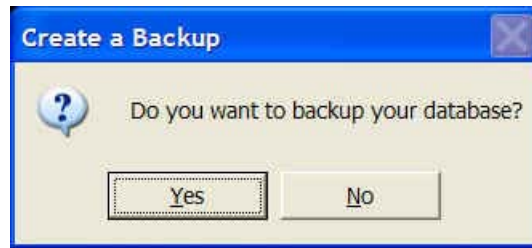


Figure 3-b

**COVER Train**  
*Keeping Education & Training on-track throughout the 21<sup>st</sup> Century*



## **COVER Train**

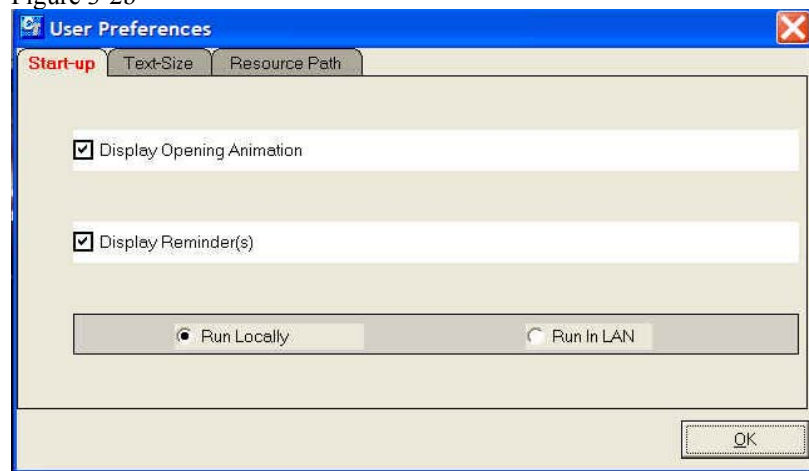
*Keeping Education & Training on-track throughout the 21<sup>st</sup> Century*

- 3.2.2. To change the database configuration, select File – Preference, then select Run in LAN and click **OK**.

Figure 3-2a



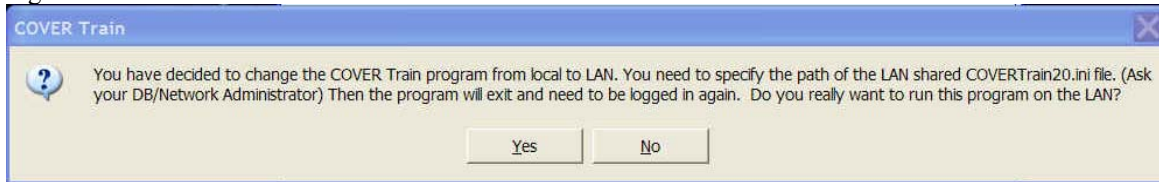
Figure 3-2b



**COVER Train**  
*Keeping Education & Training on-track throughout the 21<sup>st</sup> Century*

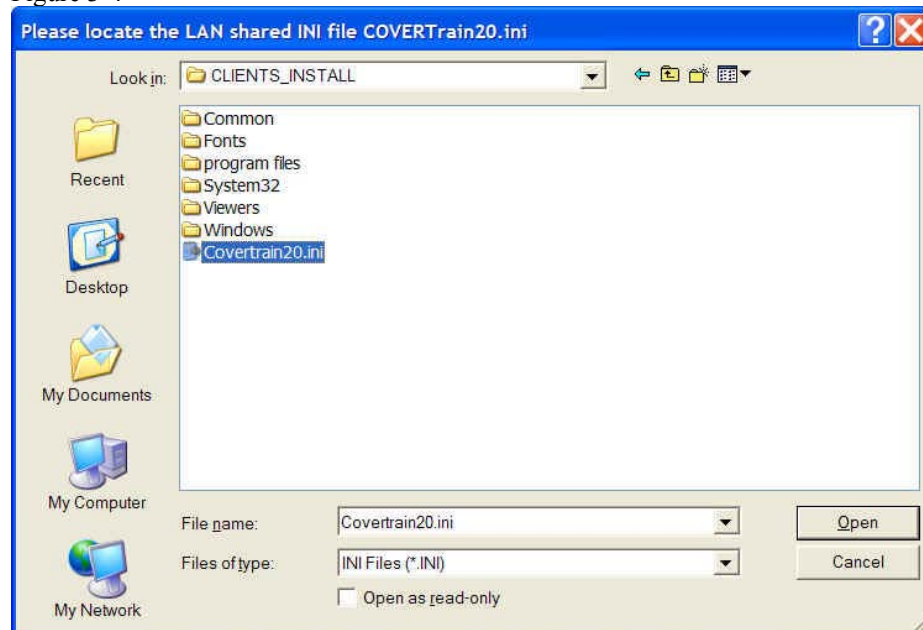
- 3.2.3. COVER Train will ask you if you are certain that you want to run on the LAN, click **Yes** to proceed.

Figure 3-3



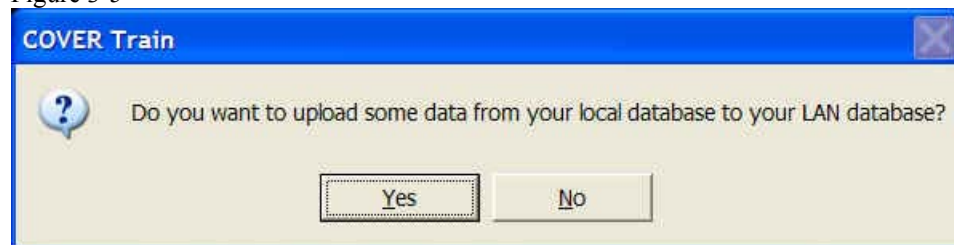
- 3.2.4. Locate the shared INI file of the LAN install. This should be located at the location where COVER Train was installed during the initial LAN installation performed by a network administrator. Once you have located the file, click **Open** to continue.

Figure 3-4



- 3.2.5. The system will prompt you if you would like to upload information from your local/standalone installation to the LAN, click **Yes** if you want your data uploaded.

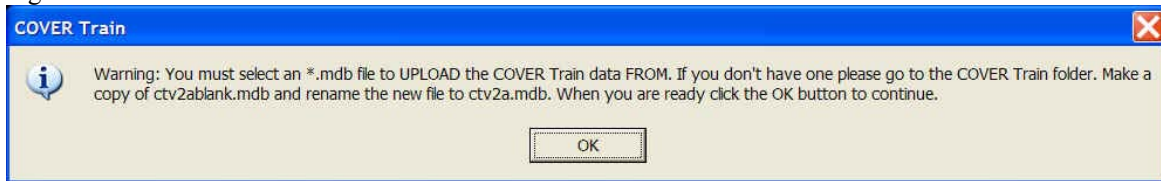
Figure 3-5



**COVER Train**  
*Keeping Education & Training on-track throughout the 21<sup>st</sup> Century*

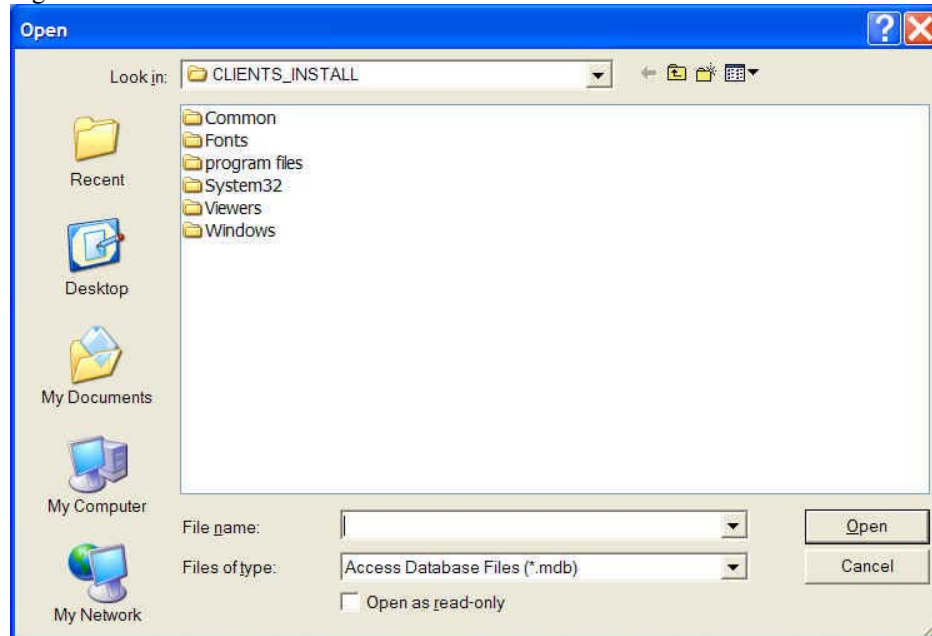
3.2.6. COVER Train will prompt you to select a valid COVER Train database with a .mdb extension.

Figure 3-6



3.2.7. Locate your local database, or a trainee database that you exported, then click **Open**. You can find your local standalone database in the “C:\Program Files\USAF\COVER Train\” folder titled “ctv2a.mdb”.

Figure 3-7



**COVER Train**  
*Keeping Education & Training on-track throughout the 21<sup>st</sup> Century*

- 3.2.8. Select the trainees that you want to upload to the central LAN install, then click **Upload Data**.

Figure 3-8

The screenshot shows a software window titled "Upload Data" with a blue header bar. It contains two main sections for selecting data to upload.

**Select User(s) To Upload**

Upload User	Last Name	First Name	MI	Grade	Unit	AFSC	Access Level
<input type="checkbox"/>	11111111111111	111111111111		A1C	1 CES	3E8X1	Trainee
<input checked="" type="checkbox"/>	21212121212121	11212121212121		A1C	1 CES	3E8X2	Trainee
<input type="checkbox"/>	22222222	22222222222222		AB	1 CES	3E8X2	Certifier
<input checked="" type="checkbox"/>	31131313131313	31313131313131		A1C	1 CES	3E8X1	Trainee
<input type="checkbox"/>	333333333333	33333333		AB	1 CES	3E8X2	Trainer
<input checked="" type="checkbox"/>	555555555555	55555555		A1C	1 CES	3E8X2	UTM
<input type="checkbox"/>	Admin	Admin		AB	1 CES	3E8X1	UTM

Buttons on the right: Upload Data, Check All User(s), UnCheck All

**Select MTL's To Upload**

Upload MTL	Site	AFSC
<input type="checkbox"/>	SITE1	3E8X2
<input checked="" type="checkbox"/>	SITE1	3E8X1

Buttons on the right: Check All MTL's, UnCheck All

- 3.2.9. You have now completed the upgrade to LAN procedure.